

PATENT SPECIFICATION

588,689



Application Date: March 3, 1945. No. 5367/45.

Complete Specification Left: March 4, 1946.

Complete Specification Accepted: May 30, 1947.

PROVISIONAL SPECIFICATION

A Sanitary Pad

I, WILLIAM HENRY BARON SNAPE, of 257, Manchester Road, Burnley, in the County of Lancaster, a British Subject, do hereby declare the nature of this invention to be as follows:—

This invention relates to a sanitary pad and has for its object to introduce an improved article of this class which will possess high absorbent properties, be comfortable to wear, be adjustable in size and will entirely prevent leakage.

According to this invention a more or less conical pad constructed from highly absorbent material and having a rounded top is embedded in a body of soft absorbent material, such for example, as cotton wool, or porous paper, which is comparatively long and narrow and extends beyond two opposite sides of the highly absorbent pad and decreases in thickness towards each end. The rounded portion of the highly absorbent pad protrudes

somewhat beyond the body portion in which it is embedded and both portions are laid on a strip of muslin or the like of any appropriate length and width, the edges of which are folded over to overlap parts of the body portion to keep the latter in position. This strip of muslin or the like is placed upon a strip of thin soft liquid proof material such for example as that which is sold under the registered trade mark "Pliofilm" and is similar in shape and size to the strip of muslin or the like, the edges of the "Pliofilm" being folded over together with the edges of the muslin, with the result that the whole of the outer, or exposed portion of the pad is enclosed in a leak-proof cover.

Dated this 28th day of February, 1945.
APPLEYARD & CROSSLEY,
41, Commercial Street, Halifax,
Agents for the Applicant.

COMPLETE SPECIFICATION

A Sanitary Pad

I, WILLIAM HENRY BARON SNAPE, of 257, Manchester Road, Burnley, in the County of Lancaster, a British Subject, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

This invention relates to a sanitary pad and has for its object to introduce an improved article of this class which will possess high absorbent properties, be comfortable to wear, be adjustable in size and will entirely prevent leakage.

According to this invention a more or less conical plug constructed from highly absorbent material and made solid or hollow with a rounded top is embedded in a body or pad of soft absorbent material, such for example, as cotton wool, or porous paper, which is comparatively long and narrow and extends beyond two opposite sides of the highly absorbent plug and decreases in thickness towards each end. The rounded portion of the highly absorbent plug protrudes through a hole

in the body or pad in which it is embedded and both the plug and the pad are laid on a strip of muslin or the like of any appropriate length and width, the edges of which are folded over to overlap parts of the pad to keep the latter in position. This strip of muslin or the like is placed upon a strip of thin soft liquid proof material such for example as that which is sold under the registered trade mark "Pliofilm" and is similar in shape and size to the strip of muslin or the like, the edges of the "Pliofilm" being folded over together with the edges of the muslin, with the result that the whole of the outer, or exposed portion of the pad is enclosed in a leak-proof cover.

The muslin or cotton mesh, may be incorporated with the Pliofilm or applied thereto in any other way which will unite the cotton mesh and covering together.

In order that the said invention may be clearly understood and readily carried into effect, the same is described with reference to the accompanying diagrams in which:—

Fig. 1 shews three different shapes of plugs.

Fig. 2 is a section and Fig. 3 a plan of the pad and plug.

Fig. 4 is a plan shewing the plug and pad in position in the cotton mesh and the Pliofilm cover, the mesh and cover being opened out and

Fig. 5 is a similar view with the mesh and cover folded over as in the wearing position.

Referring to Fig. 1, A, A¹, A² show three different shapes of plugs which are previously stated are constructed from very absorbent material and may be solid or hollow.

The pad B is constructed from cotton wool and is made somewhat in the shape shewn in Figs. 2 and 3 with a hole C for the plug. When the latter is placed in the hole it protrudes slightly therefrom as shewn in Fig. 2.

The pad with the plug is laid on a piece of muslin or cotton mesh D which is folded over it and may be stitched round the pad as shewn at E to keep it in position.

The piece of muslin or cotton mesh together with the pad and plug are placed on the Pliofilm or other damp proof cover F and the edges turned over as shewn at G and secured by sewing or otherwise.

The edges may then be again turned

over as shewn at H in Fig. 5.

The ends of the appliance may be provided with any suitable fastening device if required for securing it in position on the wearer.

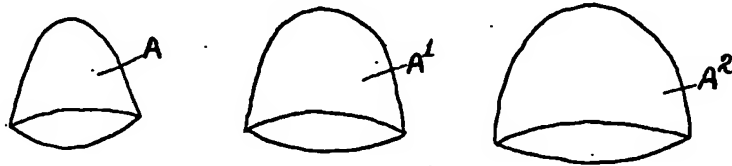
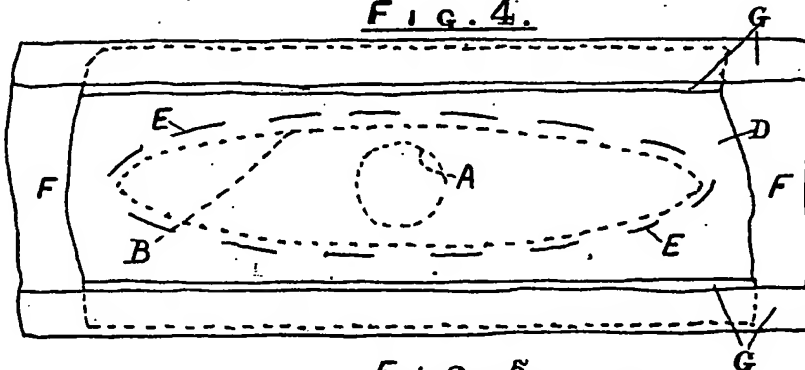
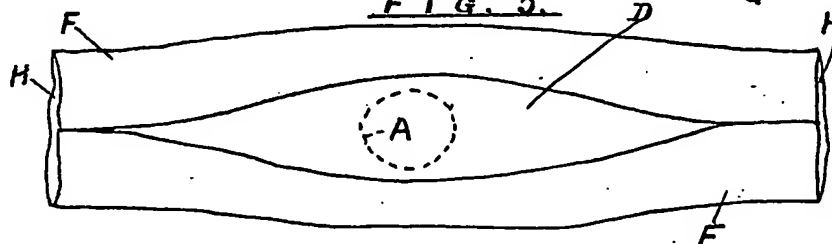
Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed I declare that what I claim is:—

1. A sanitary pad comprising a more or less conical plug constructed from highly absorbent material and made solid or hollow with a rounded top, a body or pad of soft absorbent material formed with a hole to receive the plug which is embedded therein and protrudes through it, opposite ends of the pad extending some distance beyond the plug, a strip of muslin or cotton mesh folded over the pad and plug and stitched if required around the pad to keep it in position and a strip of thin soft liquid proof material fixed to the muslin or cotton mesh to act as a damp proof cover.

2. A sanitary pad constructed substantially as described with reference to the accompanying diagrams.

Dated this 28th day of February, 1946.

APPLEYARD & CROSSLEY,
41, Commercial Street, Halifax,
Agents for the Applicant.

FIG. 1.FIG. 2.FIG. 3.FIG. 4.FIG. 5.

THIS PAGE BLANK (USPTO)